

Homework February 16, 2010

- 7.** Aiko says that $\frac{2}{3}$ of her stamp collection are Asian stamps. One-fifth of her Asian stamps are from India. What fraction of Aiko's stamp collection is from India? Estimate to check the solution is reasonable.

3.4

- 8.** Use an area model to find each product.

a) $2\frac{2}{3} \times 1\frac{7}{8}$ b) $\frac{10}{3} \times \frac{5}{2}$
c) $4\frac{3}{4} \times \frac{3}{8}$ d) $1\frac{5}{6} \times 4\frac{1}{2}$

- 9.** Multiply. Estimate to check each product is reasonable.

a) $2\frac{1}{2} \times 3\frac{1}{4}$
b) $4\frac{2}{5} \times \frac{1}{4}$
c) $\frac{7}{3} \times \frac{6}{5}$
d) $5\frac{1}{2} \times 2\frac{5}{8}$

- 10.** Alek has a $1\frac{1}{4}$ -h dance lesson every Saturday. The time he spends practising dance during the week is $3\frac{3}{5}$ times the length of his dance lesson. How long does Alek practise dance each week?